

UNIQUE CROSS-BORDER DYNAMIC FOR PHYTOMANAGEMENT OF MARGINAL SITES AND DEVELOPMENT OF BIOBASED VALUE CHAINS



UNIVERSITEIT
GENT

Béatrice De Vos¹, Aricia Evlard², Erik Meers¹ and Evi Michels¹

¹ LABORATORY OF ANALYTICAL CHEMISTRY AND APPLIED ECOCHEMISTRY, GHENT UNIVERSITY, BELGIUM

² VALBIOM, GEMBLOUX, BELGIUM

Interreg

France-Wallonie-Vlaanderen



UNION EUROPÉENNE
EUROPESE UNIE

New-C-Land

Why?

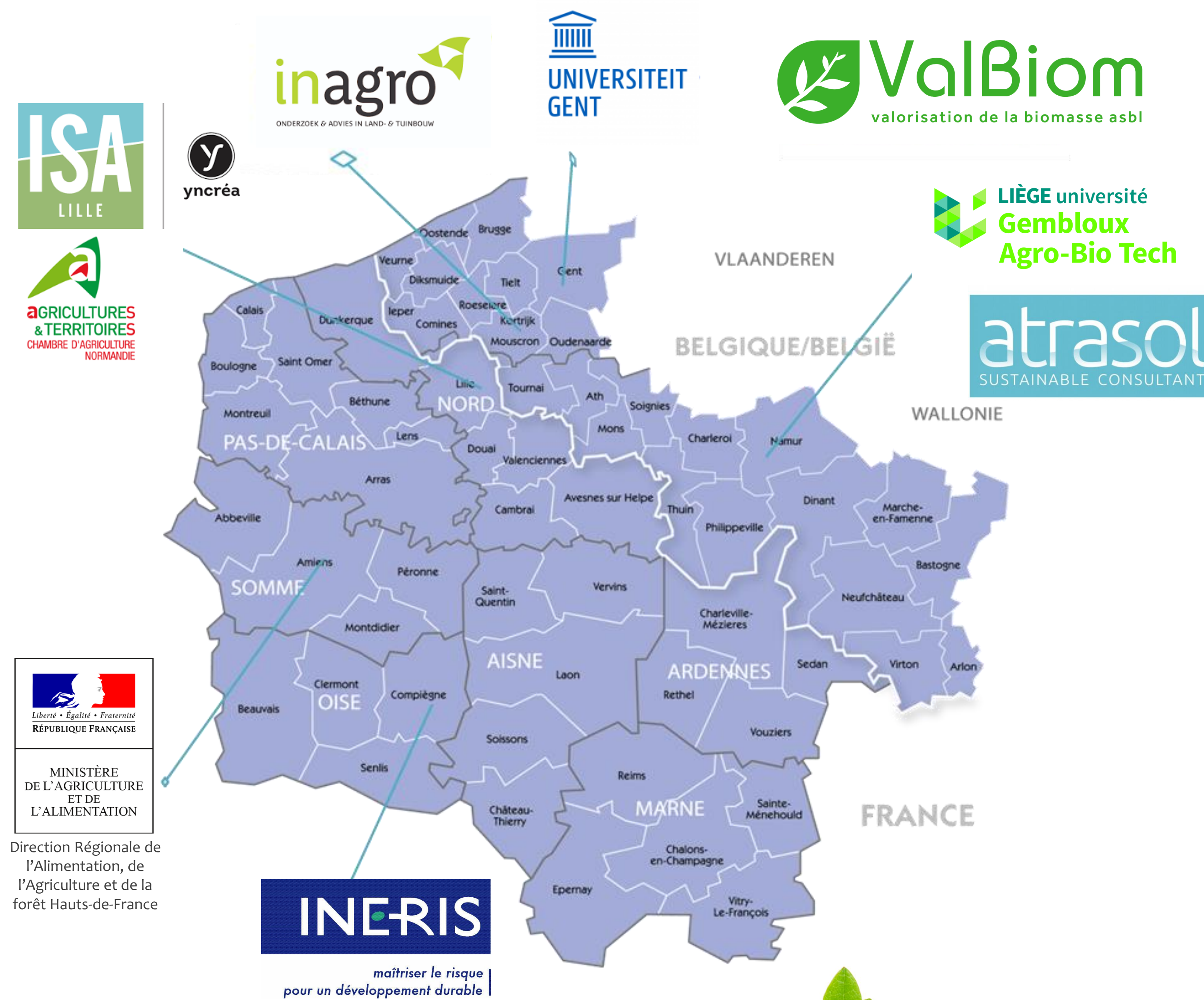
- 200 years of industrialization has left its marks in Europe
- Over **2,5 million sites among 38 European countries are potentially contaminated**, and 342.000 sites have been identified as contaminated sites (European Commission, 2013)
- The management of contaminated sites costs Europeans an estimated 6 billion Euros annually (European Commission 2013)
- The number of recorded polluted sites across Europe is expected to increase by 50% by 2025 (European Environment Agency, 2012)

What?

- Transregional project between **Flanders, Wallonia and the North of France**
- **4 year project** (1/7/2018 – 30/6/2022)
- **8 project partners** to develop cross-border expertise in phytomanagement to remediate bottlenecks hampering the development of transregional value chains valorizing biomass from contaminated sites (SMARG)

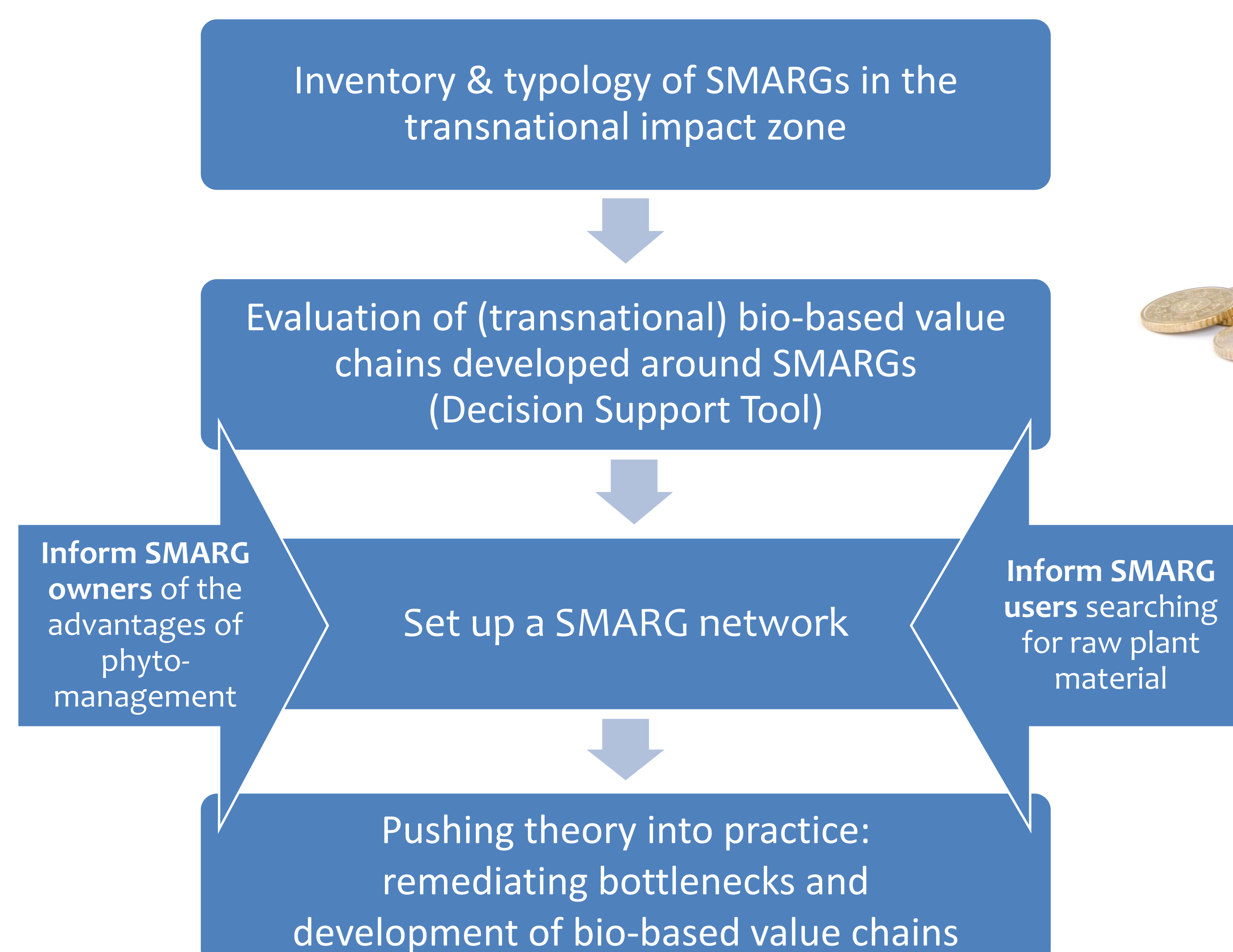
Goals?

- **Cross border exchange of knowledge and technology**
- TRL increase of strategic technologies along the value chains
- **Soil remediation** by phytomanagement on **marginal/derelict sites** not suitable for conventional food/feed production
- Valorisation of the **contaminated biomass** through the production of bioenergy or bio-based materials/products
- Developing the **bio-based economy** in the impact zone by setting up value chains across involved stakeholders



In practice?

- Inventory of SMARGs in the impact zone, accessible via a public web portal
- Development of a Decision Support Tool for the selection of value chains
- Pushing theory into practice: facilitation of 10 value chains
- Create a long term effect through the development of a compendium with experiences and illustrative cases developed during the New-C-Land project



Contact



Beatrice.DeVos@Ugent.be



Coupure Links 653, 9000 Ghent, Belgium



www.biorefine.eu/projects/new-c-land



@NewCLand_FWVL @Bioref_Cluster



New-C-Land Interreg FWVL

www.interreg-fwvl.eu

@InterregFWVL



PROJECT FINANCED THROUGH THE INTERREG FRANCE-WALLONIA-FLANDERS PROGRAM

THIS PROJECT IS SUPPORTED BY THE EUROPEAN REGIONAL DEVELOPMENT FUND (ERDF)

